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carrying out a second heat treatment to getter the catalytic element into the source region and the drain region; and

carrying out a third heat treatment for the crystalline semiconductor thin film at 900 to 1200°C in a reducing atmosphere.

22. A method of fabricating a crystalline semiconductor thin film, comprising the steps of:

adding a catalytic element for facilitating crystallization of an amorphous semiconductor thin film to the amorphous semiconductor thin film;

carrying out a first heat treatment to transform the amorphous semiconductor thin film into a crystalline semiconductor thin film by irradiating ultraviolet light or infrared light; and

carrying out a second heat treatment for the crystalline semiconductor thin film at 900 to 1200°C in an atmosphere containing hydrogen therein.

23. A method of fabricating a crystalline semiconductor thin film, comprising the steps of:

adding a catalytic element for facilitating crystallization of an amorphous semiconductor thin film to the amorphous semiconductor thin film;

carrying out a first heat treatment to transform the amorphous semiconductor thin film into a crystalline semiconductor thin film by irradiating ultraviolet light or infrared light; and

carrying out a second heat treatment for the crystalline semiconductor thin film at 900 to 1200°C in an atmosphere containing ammonia therein.--

REMARKS

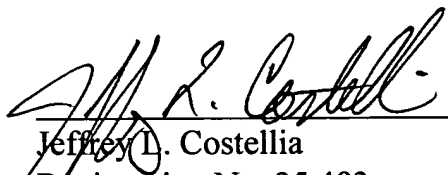
The Official Action mailed July 10, 2000 has been received and its contents carefully studied. Claims 1-18 were pending in the Official Action.

Applicants hereby elect Group II claims - that is, claims 5-18, drawn to a method of forming a structure classified in class 438, subclass 149,479 and 517. Further, Applicants add claims 19-23 herewith, which are also believed to be readable on the elected embodiment. Thus, claims 5-23 are pending and are believed to be subject to examination.

In addition, Applicants amend the specification on page 30 to change the reference to the group of the Periodic Table of Elements from group "15" to group --VA--. As clearly provided by the attached Periodic Table of Elements group "15" is a "new notation" that corresponds to the CAS version group "VA". Therefore, no new matter is introduced by this amendment, but instead merely amends the specification to comply with standard U.S. chemical practice.

Favorable consideration is requested.

Respectfully submitted,




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Note: Atomic masses shown here are the 1983 IUPAC values (maximum of six significant figures). **a** Symbols based on IUPAC systematic names.

TC 2800 MAIL ROOM

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Actinium
Aluminum
Americium
Antimony
Argon
Arsenic
Astatine
Barium
Berkelium
Beryllium
Bismuth
Boron
Bromine
Cadmium
Calcium
Californium
Carbon
Cesium
Cerbium
Cesium
Chlorine
Chromium
Cobalt
Copper
Curium
Dysprosium
Einsteinium
Erbium
Europium
Fermium
Fluorine
Francium
Gadolinium
Gallium
Germanium
Gold
Hafnium
Helium
Holmium
Hydrogen
Indium
Iodine
Iridium
Iron
Krypton
Lanthanum
Lawrencium
Lead
Lithium
Lutetium
Magnesium
Manganese
Mendelevium